



Attorney's Docket No.: M00925/70108 TJO

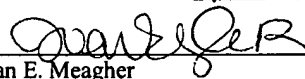
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Yet-Ming Chiang et al.  
Serial No.: 10/021,740  
Confirmation No.: 1110  
Filed: October 22, 2001  
For: RETICULATED AND CONTROLLED POROSITY BATTERY  
STRUCTURES  
Art Unit: N/A

COPY OF PAPERS  
ORIGINALLY FILED

CERTIFICATE OF MAILING UNDER 37 C.F.R. §1.8(a)

The undersigned hereby certifies that this document is being placed in the United States mail with first-class postage attached, addressed to Commissioner for Patents, Washington, D.C. 20231, on the 17<sup>th</sup> day of May, 2002.

  
Joan E. Meagher

Commissioner for Patents  
Washington, D.C. 20231

PRELIMINARY AMENDMENT

Sir:

Prior to calculating the filing fee in the above-identified application, please amend the application as follows:

IN THE CLAIMS

Please cancel claims 1-57, and the second occurrence of claims 58, 59, and 60 without prejudice.

Please add new claims 65-128.

65. (New) An article comprising:

A<sub>1</sub> a first electrode having a base and a first surface for positioning proximate to an opposing electrode, the first surface being reticulated so as to define a plurality of protrusions and intervening indentations providing a surface area at least 1.5 times the theoretical surface area of a smooth non-reticulating surface, wherein the protrusions have a length  $l$  and a cross-sectional thickness  $a$  and wherein the cross-sectional thickness  $a$  varies along the length  $l$  of the protrusion.

66. (New) The article of claim 65, wherein the protrusions are positioned periodically, aperiodically, or randomly on the first reticulating surface.

67. (New) The article of claim 65, wherein the first surface has a surface area that is at least 2 times the theoretical area of a smooth, non-reticulated configuration.



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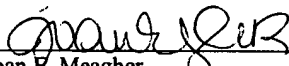
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Commissioner for Patents  
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TRANSMITTAL LETTER

Sir:

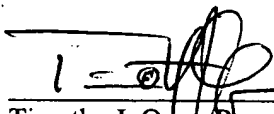
Transmitted herewith are the following documents:

- ☒ Preliminary Amendment
- ☒ Return Postcard

If the enclosed papers are considered incomplete, the Mail Room and/or the Application Branch is respectfully requested to contact the undersigned at (617) 720-3500, Boston, Massachusetts.

Upon filing a response to the Notice to File Missing Parts, a fee will be paid covering all claims.

Respectfully submitted,

  
Timothy J. Oyer, Reg. No. 36,628  
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Boston, Massachusetts 02210  
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Date: May 17, 2002